REFERENCES

[1] Patil C. S., Karhe R.R., and Aher M. A., (2012), **"**Development of Mobile Technology: A Survey", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 1, Issue 5, ISSN: 2278 – 8875.

[2] Kumar Amit, Liu Dr. Yunfei, Dr. Sengupta Jyotsna and Divya, (2010), "Evolution of Mobile Wireless Communication Networks:1G to 4G", IJECT, Vol. 1, Issue 1, ISSN:2230-7109.

[3] Ghassan A. Abed Mahamod and Ismail Kasmiran Jumari, (2012), "The Evolution to 4G Cellular Systems: Architecture and Key Features of LTE-Advanced Networks",IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC), Vol. 2, No. 1, ISSN: 2250-3501.

[4] M. Naresh, M. Mahender and R. Rajesh, (2012), "Simulation of Service Availability and Restoration in Hybrid 4G Mesh Networks With Bandwidth and Power Management", IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC), Vol.2, No4, ISSN: 2250-3501.

[5] Sapna Shukla, Varsha Khare, Shubhanshi Garg and Paramanand Sharma,(2013) "Comparative Study of 1G, 2G, 3G and 4G", Journal of Engineering, Computers & Applied Sciences (JEC&AS), Volume 2, No.4, ISSN No: 2319-5606.

[6] El Alaoui Sara, Zohra Smaili Fatima, Bougamza Omar and Mohamed Riduan Abid,(2012),"Towards Future 4g Mobile Networks: A Real-World Ims Testbed", International Journal of Next-Generation Networks (IJNGN), Vol.4, No.3, DOI: 10.5121/ijngn.2012.4303 31.

[7] Escudero-Andreu Gin´es, C.-W. Phan Raphael and J. Parish David, (2012), "Analysis and Design of Security for Next Generation 4G Cellular Networks", ISBN: 978-1-902560-26-7 PGNet.

[8] Kumar Amit, Dr. Liu Yunfei, Singh Tanvir and Dr. Sawtantar Singh Khurmi,(2011) "IMT-Advanced: The ITU standard for 4G Mobile Communication",IJCST, Vol. 2, ISSUE 1, ISSN:2229-4333(Print),ISSN: online:0976-8491(online).

[9] Susan Jacob Jeeva and K. G Preetha, (2012), "A comparative study on effective schemes for network selection in 4g communication systems" International Journal of Modern Engineering Research" (IJMER) Vol.2, Issue.4, pp-2396-2403 ISSN: 2249-6645,

[10] Chandna Geeta, Bansal Mohit, Saloni and Sehgal Saru,(2012), "Multimedia Streaming Technology in 4G Mobile Communication Systems", International Journal of Soft Computing and Engineering (IJSCE), Volume-2, Issue-4, ISSN: 2231-2307.

[11] K.Kumaravel, (2011), "Comparative Study of 3G and 4G in Mobile Technology", IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 5, No 3, ISSN (Online): 1694-0814,

[12] Ahmad Khaleel, Kumar Sunil and Shekhar Jayant, (2012), "Network Congestion Control in 4G Technology through Iterative Server", IJCSI International Journal of Computer Science Issues, Vol. 9, Issue 4, No 2, ISSN (Online): 1694-0814.

[13] Kumar B. Kiran, Murthy R.Vishnu, Srivatsava, B.V.Tata Reddy Karri and Prasad MDV, (2012) "Latest Trends in Wireless Mobile Communication", (3G to 4G Technologies) IJCSIT International Journal of Computer Science and Information Technologies, Vol. 3 (1), 3000 – 3005. ISSN: 0975-9646.

[14] Kumar Arun, Suman and Renu, (2013), "Comparison of 3G Wireless Networks and 4GWireless Network", International Journal of Electronics and Communication Engineering, Volume 6, pp. 1-8, ISSN 0974-2166.

[15] Verma Kr. Pushpendra and Shekhar Dr. Jayant, (2012), "4G wireless networks: benefits and challenges", International Journal of Management, IT and Engineering (IJMIE), Volume 2, Issue 6. ISSN: 2249-0558.

[16] Hema Kale, Dethe C.G. and Mushrif M.M., (2012), "A Review of Sub-Carrier Selection Techniques Employed in MC-CDMA System for 4GNetworks", International Journal of Scientific and Research Publications, Volume 2, Issue 4, ISSN 2250-3153.

[17] M. Gopu and Khanna Dr. Ritesh, (2012), "Multicarrier modulation with OFDM for networks", International Journal of Scientific and Research Publications, Volume 2, Issue 6, ISSN: 2250-3153.

[18] M. Gopu and Khanna Dr. Ritesh, (2012),"Improved spectral utilization in multi-hop relay networks using frequency reuse for 4G networks", International Journal of Scientific & Engineering Research, Volume 3, Issue 6, ISSN: 2229-5518.

[19] FAGBOHUN Olumuyiwa Oludare, (2014), "Comparative studies on 3G,4G and 5G wireless technology", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), Volume 9, Issue 3, Ver. I PP 88-94, e-ISSN: 2278-2834, p- ISSN: 2278-8735.

[20] Rakers Patick,B. Schwartz Daniels, Rahman Mahib and Mittel James,(2012), " Saw-less transceiver for 4G/3G/2G cellular standards", FUJITSU Sci. Tech.J., Vol.48,No.1,pp.60-68.

[21] Bhalla Mudit Ratana and Bhalla Anand Vardhan, (2010), **"**Generations of Mobile Wireless Technology: A Survey", International Journal of Computer Applications, Volume 5– No.4, ISSN: 0975 -8887.

[22] Mr.Singh Hooda Deepender, Dr. Khatkar S.P.,Dr. Chauhan R K,Sh. Mittal M. C., Air Vice-Marshal G P S DuaVSM (Retd), N. Kumar Brig.,(2012), "Bi-annual Journal focusing on Engineering, Technology, Management and Applied Sciences", DRONACHARYA RESEARCH JOURNAL, Volume IV, Issue I, ISSN No: 0975-3389.

[23] Kumar S.Venkata Krishna and T.V Poornima,(2014), "A Study of Wireless Mobile Technology", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 1, ISSN: 2277 128X.

[24] Saxena Pratishruti and Dr. Kumar Sanjay, (2014), "Challenges & Evolution of Next Generation in Mobile Communication Network", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 9, ISSN: 2277 128X.

[25] Kaur Maninder Jeet, Uddin Moin and Verma K Harsh, (2012), "Role of Cognitive Radio on 4G Communications A Review", Journal of Emerging Trends in Computing and Information Sciences, VOL. 3, NO. 2, ISSN 2079-8407,

[26] Muhammed Mustaqim, Khan Khalid and Muhammed Usman, (2012), "LTE-Advanced: Requirements and Technical Challenges for 4G Cellular Network", Journal of Emerging Trends in Computing and Information Sciences, VOL. 3, NO. 5, ISSN 2079-8407.

[27] Hirani Priti K., (2014), "Overview of 4g Technologies", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 11, ISSN: 2277 128X.

[28] Chandna Geeta, Bansal Mohit, Saloni and Saru Sehgal, (2012), "Multimedia Streaming Technology in 4G Mobile Communication Systems", International Journal of Soft Computing and Engineering (IJSCE), Volume-2, Issue-4, ISSN: 2231-2307,

[29] Chakraborty Aditi, (2013), "A Study on Third Generation Mobile Technology (3G) and Comparison among All Generations of Mobile Communication", International Journal of Innovative Technology & Adaptive Management (IJITAM), Volume-1, Issue-2, ISSN: 2347-3622.

[30] Bansal Kajali, (2013), "3G Telecommunication Networks", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 6, ISSN: 2277 128X.